THE STATE OF WYOMING

JIM GERINGER
GOVERNOR

Department of Environmental Quality

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February 13, 2002

Dolly Potter, Environmental Engineer
Solvay Minerals
P.O. Box 1167
Green River, WY 82935

RE: Solvay Minerals Green River Soda Ash Plant
Stack Test Review

Dear Ms. Potter:

The Division has reviewed the stack test reports submitted by Solvay Minerals under cover letter dated January 24, 2002. Airtech Environmental Services Inc. was contracted by Solvay to conduct particulate emission tests on the "D" Train Primary Ore Screening Baghouse (unit 76). Sampling was conducted on December 12-13, 2001. The emission tests was performed to satisfy the Operating Permit 30-126 condition F8 performance testing requirements. EPA Reference Methods 1-5/202 were utilized to determine front half, back half organic, and back half inorganic particulate emissions. The front half and the back half inorganic portions of the test were added to determine compliance with the source's particulate emission limit.

This review of the test data indicates the "D" Train Primary Ore Screening Baghouse to be operating in compliance with the particulate emission limit set by Operating Permit 30-126. Operating Permit 30-126 limits particulate emissions from the baghouse to 2.45 lb/hr. Review of the test data shows the baghouse tested at an average for three test runs at 0.93 lb/hr particulate, 38% of it's allowable. The testing was performed at an average load of 44%. This is a multi-service baghouse. Percent load represents normal operation.

The Division will accept these tests as representative of particulate emissions at the time of testing from this source. A summary of the analysis is attached.

Please call me at 307-332-6755 if you have questions concerning this matter.

Sincerely,

Carl Disel
Air Quality Engineer
Air Quality Division

cc: T. Hoyt